France as site for 13 billion demo experimental fusion reactor

2463. SHRI R.K. ANAND: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that a joint declaration by the representatives of various nations have chosen France as the site for a 13 billion demo experimental fusion reactor;

(b) if so, whether it is a fact that India is not a part of this joint venture although it has the potential to produce limitless source of clean electric power; and

(c) if so, the details thereof?

THE MINISTER OF POWER (SHRI P.M. SAYEED): (a) Yes, Sir. The European Atomic Energy Community (EURATOM), the Governments of China, Japan, South Korea, Russian Federation and the United States of America have chosen Cadarache, France as the site for an International Thermonuclear Experimental Reactor (ITER) based of fusion technologies. At present the estimated cost is 5 billion US$.

(b) and (c) India is not a part of ITER project at present. However, Government of India has decided to explore participation in the International Thermonuclear Experimental Reactor as a full partner and letters expressing India's interest have been sent to all ITER partners.

Power generation in Bihar

†2464. SHRI MANGANI LAL MANDAL: Will the Minister of POWER be pleased to state:

(a) the installed capacity of power generation in Bihar;

(b) the total quantum of power generated as against the installed capacity;

(c) the quantum of power required in Bihar at present and in what way the requirement is met; and

(d) the time-frame to achieve the target of electrification in all the villages and townships and the present position in this regard?

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†Original notice of the question was received in Hindi.

THE MINISTER OF POWER (SHRI P.M. SAYEED): (a) to (c) The installed generation capacity of Bihar State as on 31.07.2005 was 585 MW against which the actual generation during April-July 2005 was 60 MU.

The requirement of power in the State is being met from its own generating stations, allocation from Central Generating Stations located in the Eastern Region (980 MW) and supply from Chukha Hydro Electric Project from Bhutan (80 MW). Against an energy requirement of 2592 MU and peak demand of 1095 MW during the period April-July, 2005 in Bihar, the availability was 2159 MU and 981 MW respectively.

(d) The Central Government has launched a new scheme "Rajiv Gandhi Grameen Vidyutikaran Yojana" on 4th April, 2005 for providing access to electricity to all household in the country in five years. Out of total of 5,87,556 inhabited villages in the country as per 1991 census, 4,74,982 villages (80.80%) are electrified as on 31.03.2004. Out of total number of 38475 inhabited villages in the State of Bihar, 19,251 (50%) are electrified as on 31.03.2004.

Survey regarding the gap between consumption and production of power

†2465. SHRI KALRAJ MISHRA: Will the Minister of POWER be pleased to state:

(a) whether the Government have conducted any survey regarding the gap between total consumption and production of power in the States; and

(b) if so, the details thereof?

THE MINISTER OF POWER (SHRI P.M. SAYEED): (a) and (b) Yes, Sir. The forecasting of electricity demand in the country is done through periodic Electric Power surveys and the realistic assessment with regard to supply of power is arrived at based on realization of capacity addition targets and efficiency gains through improvement in plant load factor.

According to 16th Electric Power Survey Report, peak demand by the end of XI and XII Plans is projected as 157107 and 212725 MW.

†Original notice of the question was received in Hindi.